

Projecting future population size amid declining fertility trends

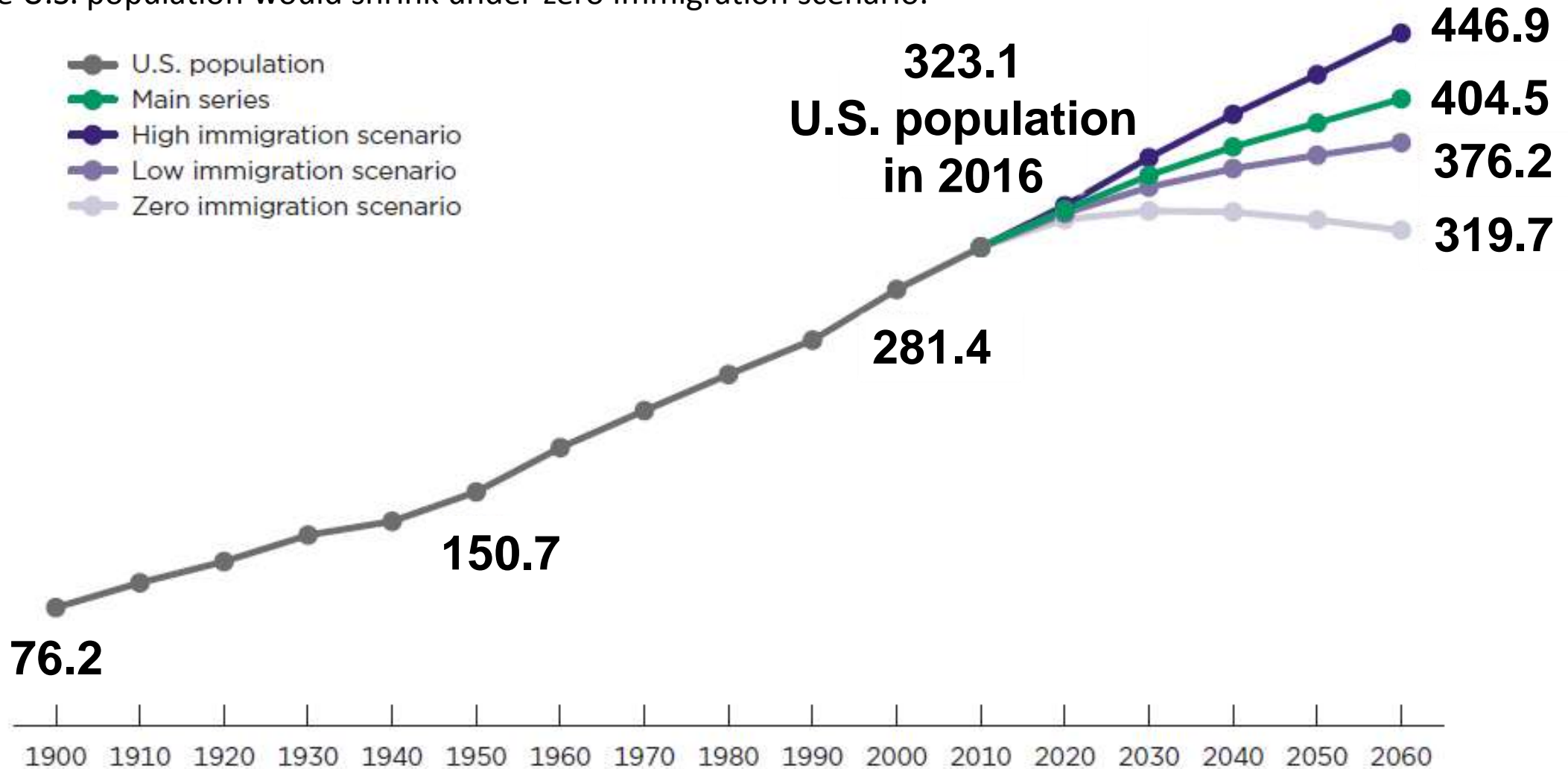
- David Howell, State Demographer, Research and Analysis
- Rebecca Topol, Research Analyst IV, Alaska Health Analytics and Vital Records
- Sandy Johnson, Branch Chief, U.S. Census Bureau Population Evaluation, Analysis and Projections Branch



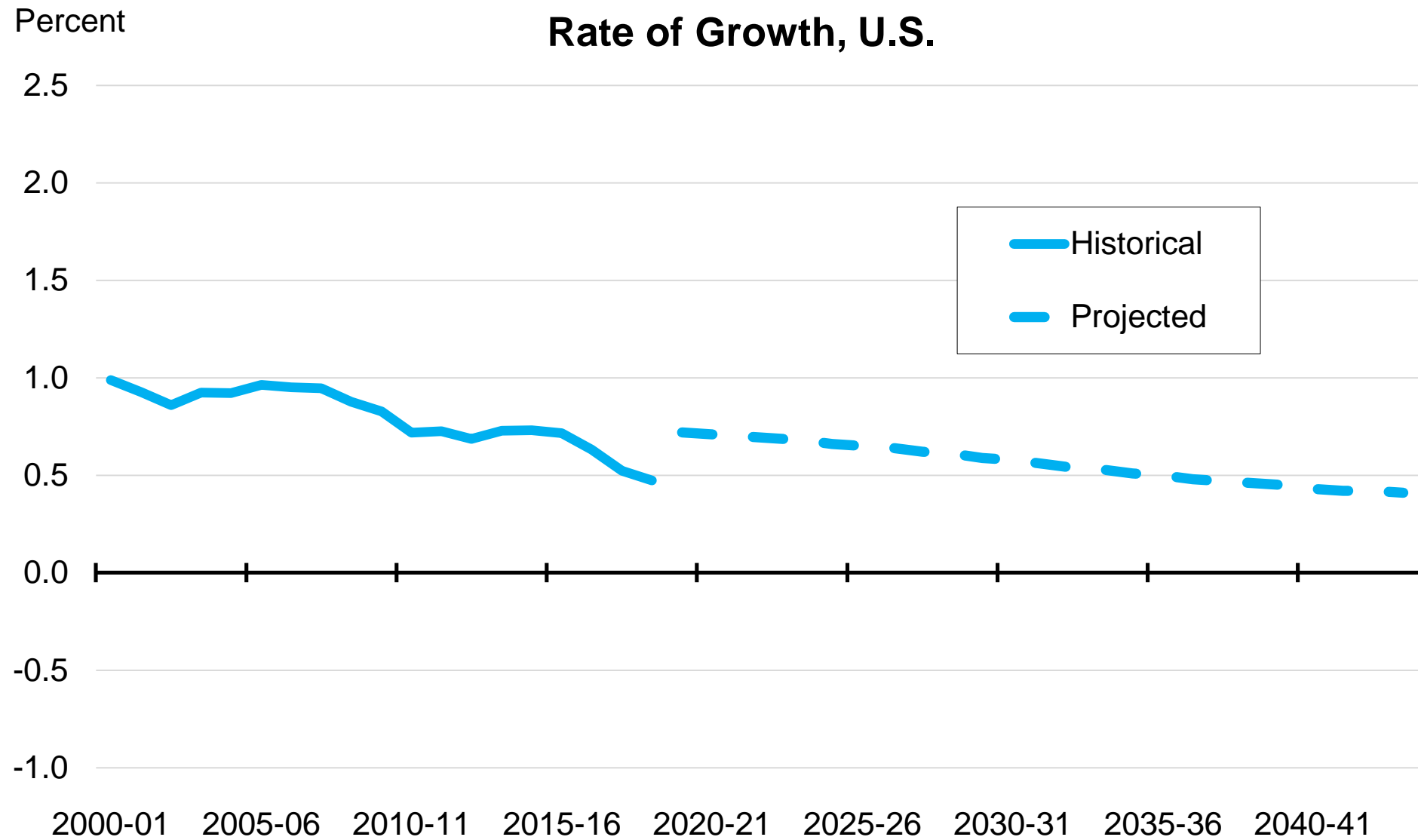
U.S. Population 1900-2016, Population Projections 2017-2060 by Immigration Scenario

(in millions)

The U.S. population would shrink under zero immigration scenario.

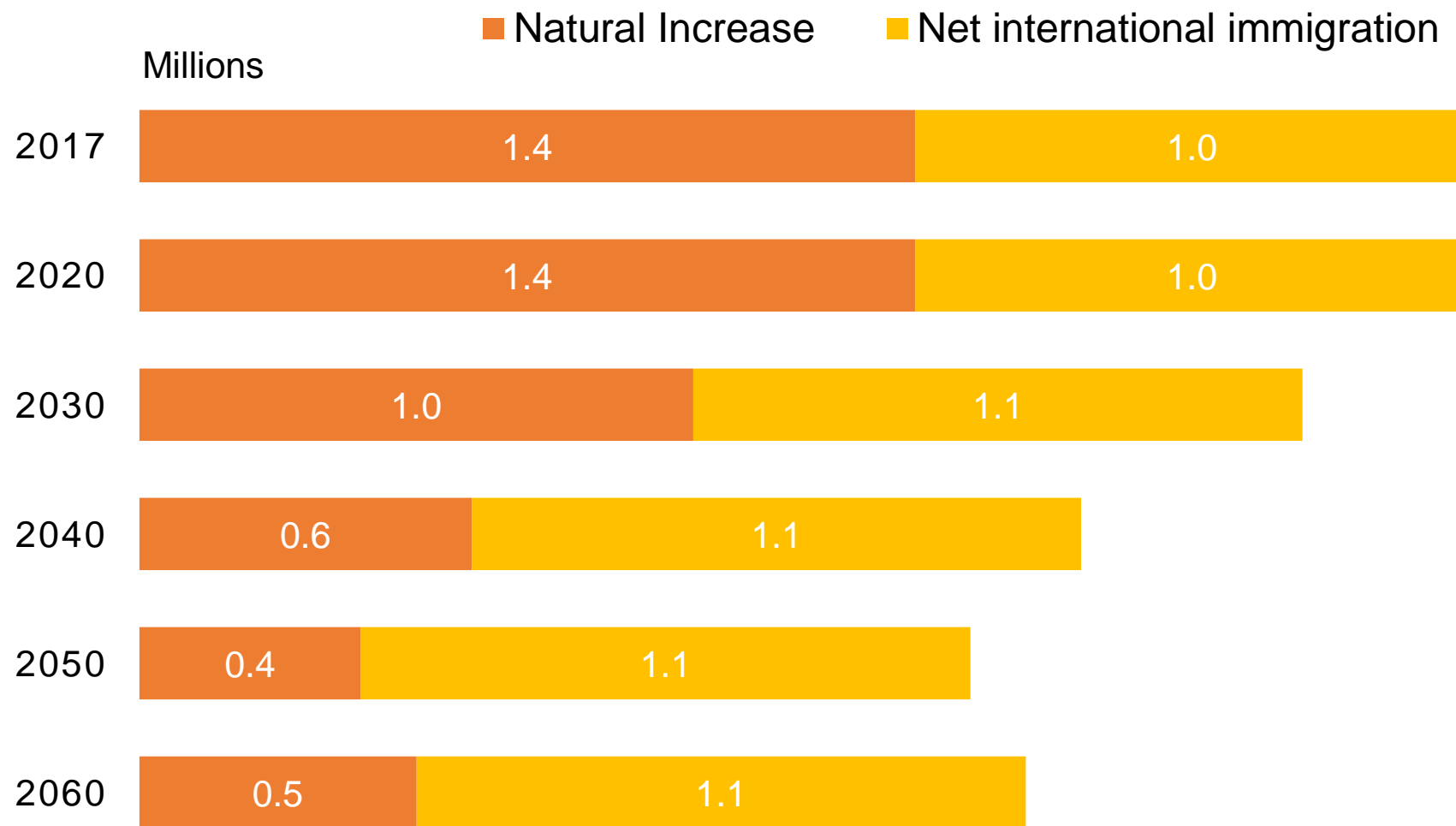


Sources: U.S. Census Bureau, 2017 National Population Projections; U.S. Census Bureau, National Population Estimates; U.S. Census Bureau, Decennial Censuses.



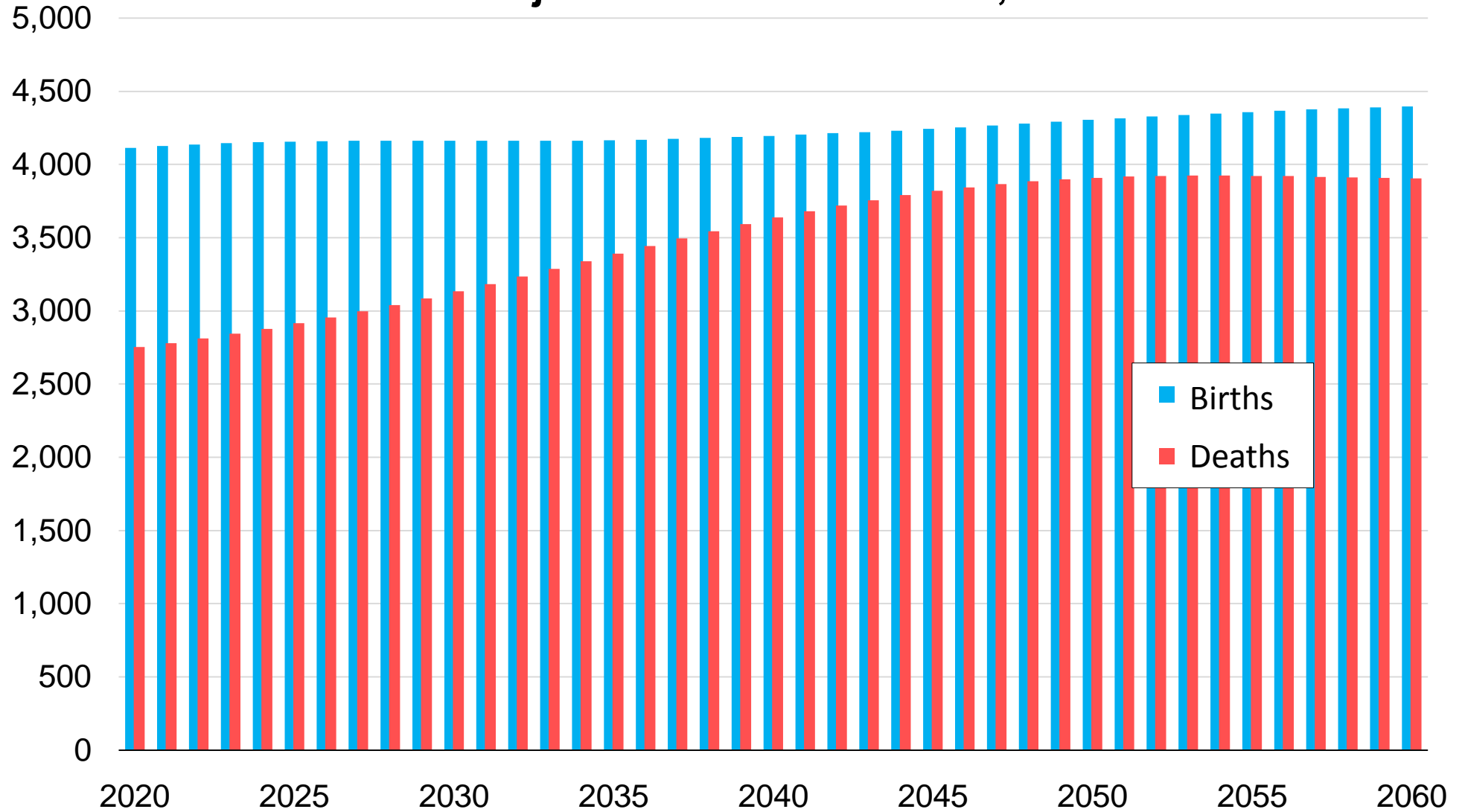
Source: U.S. Census Bureau, 2017 National Population Projections (Main Series); World Bank via FRED

PROJECTED POPULATION CHANGE FROM NATURAL INCREASE AND NET INTERNATIONAL MIGRATION: 2017 TO 2060



Source: U.S. Census Bureau, 2017 National Population Projections

Projected Births and Deaths, U.S.

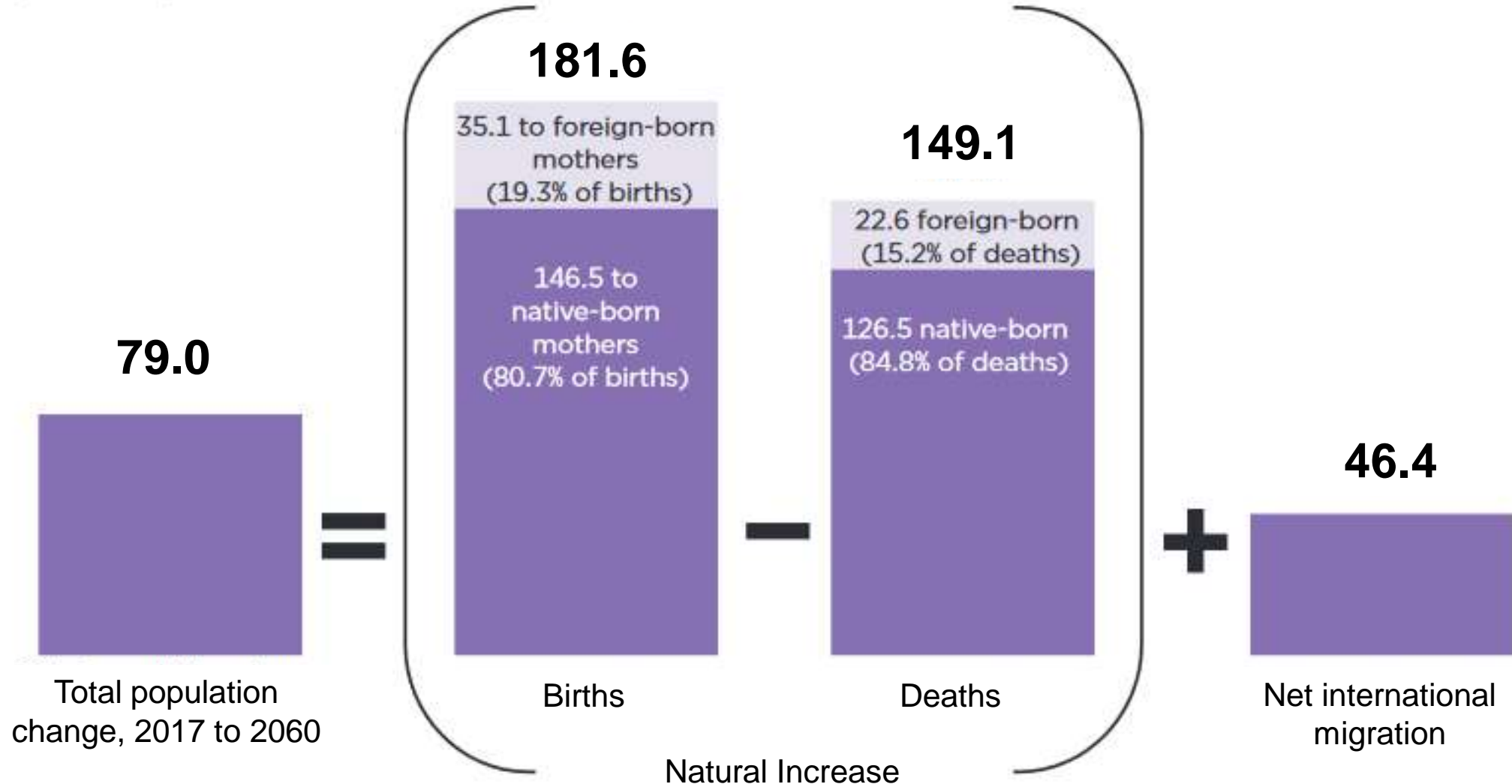


Source: U.S. Census Bureau, 2017 National Population Projections (Main Series)

Projected Population Change and Births, Deaths, and Net International Migration: 2017 to 2060

By 2060, the U.S. population is projected to grow by 79 million people.

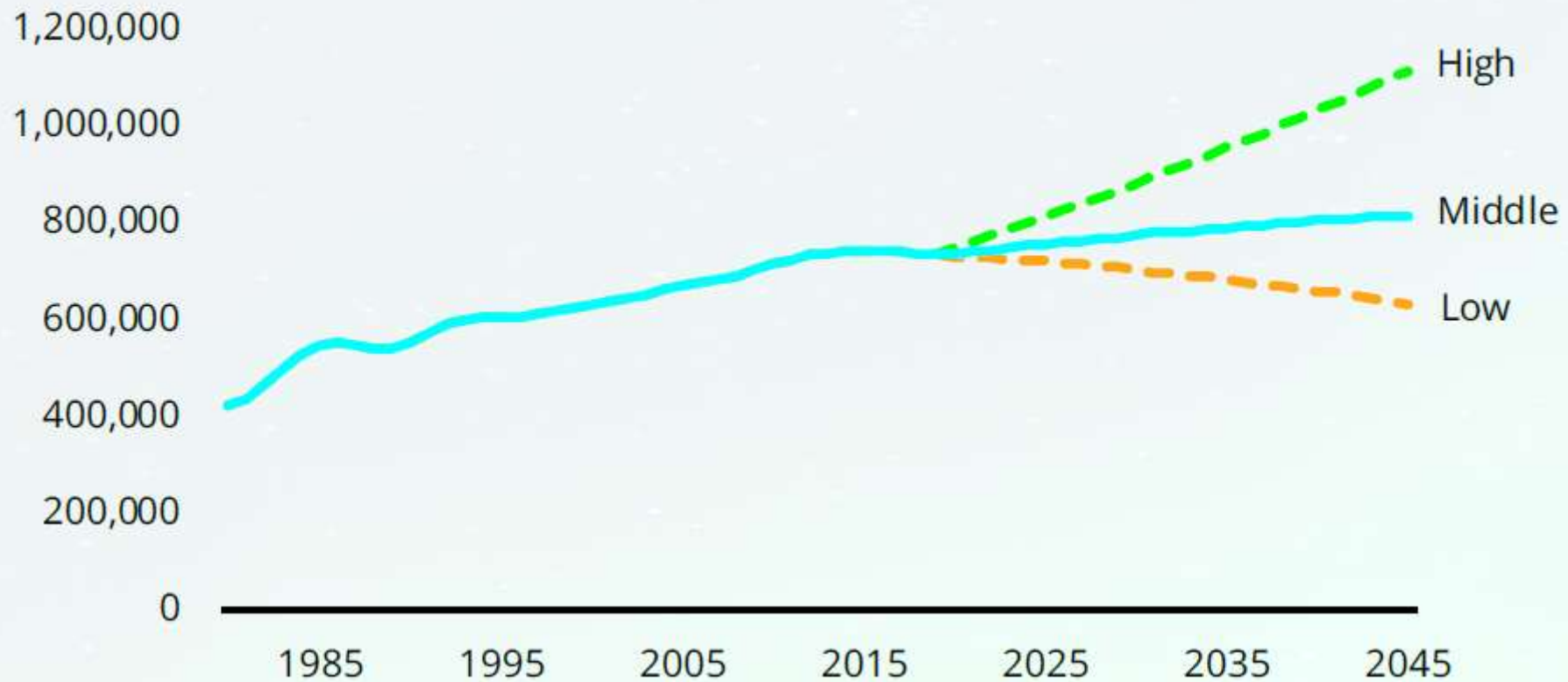
(In millions)



Source: U.S. Census Bureau, 2017 National Population Projections (Main Series)

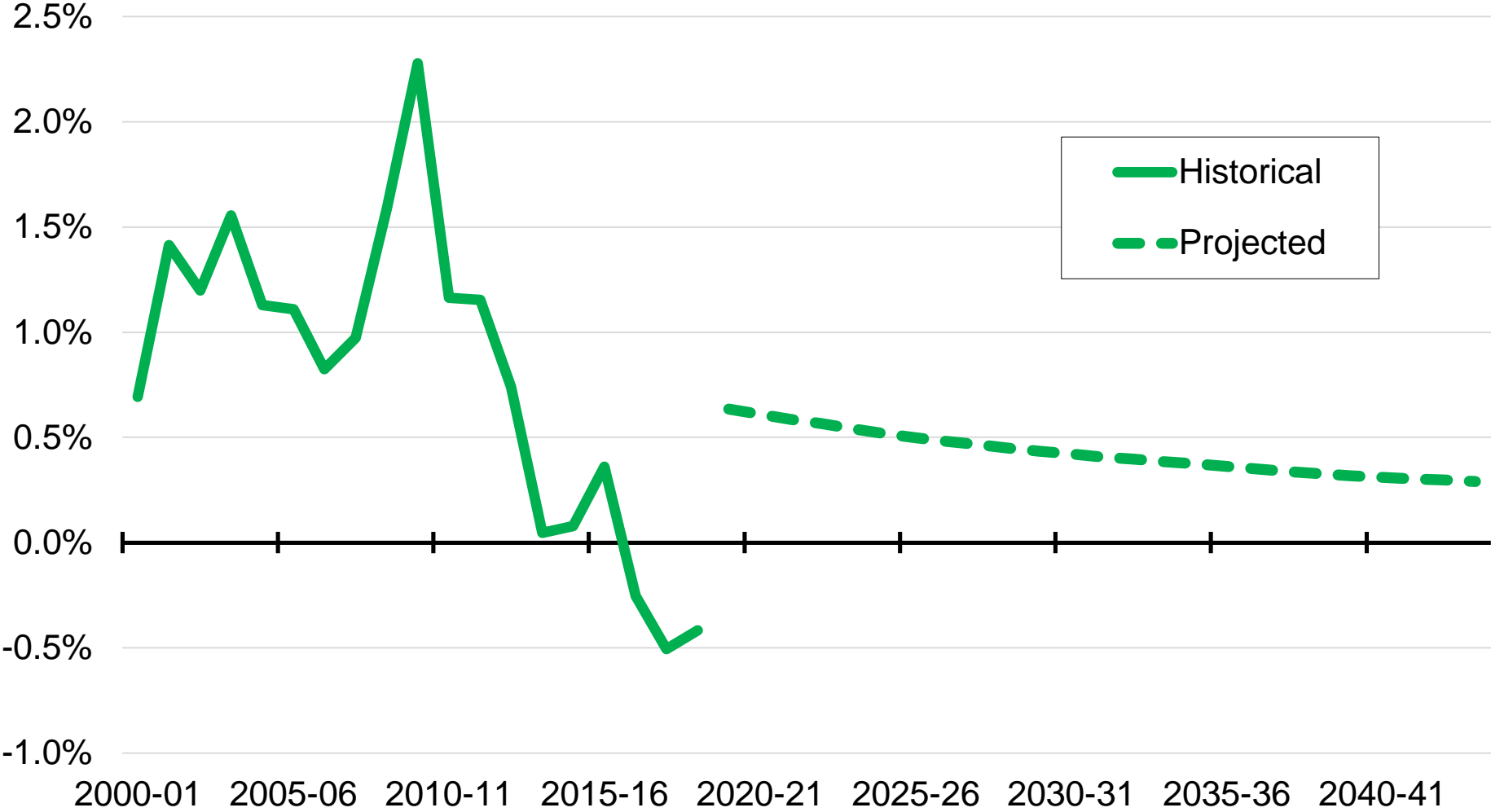
Alaska

Slow long-term growth the most likely scenario



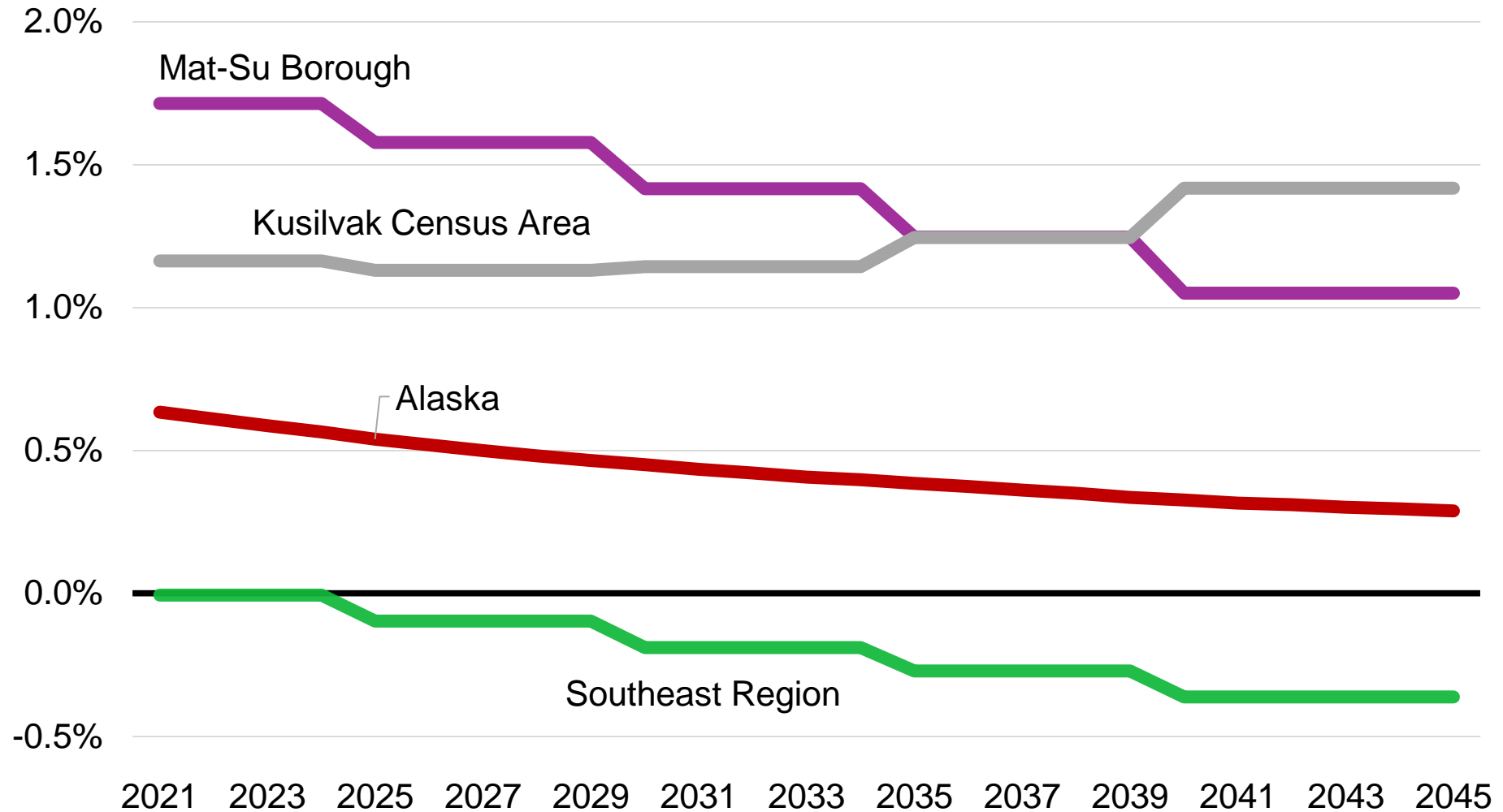
Source: Alaska Department of Labor and Workforce Development,
Population Projections 2019-2045

Rate of Growth, Alaska



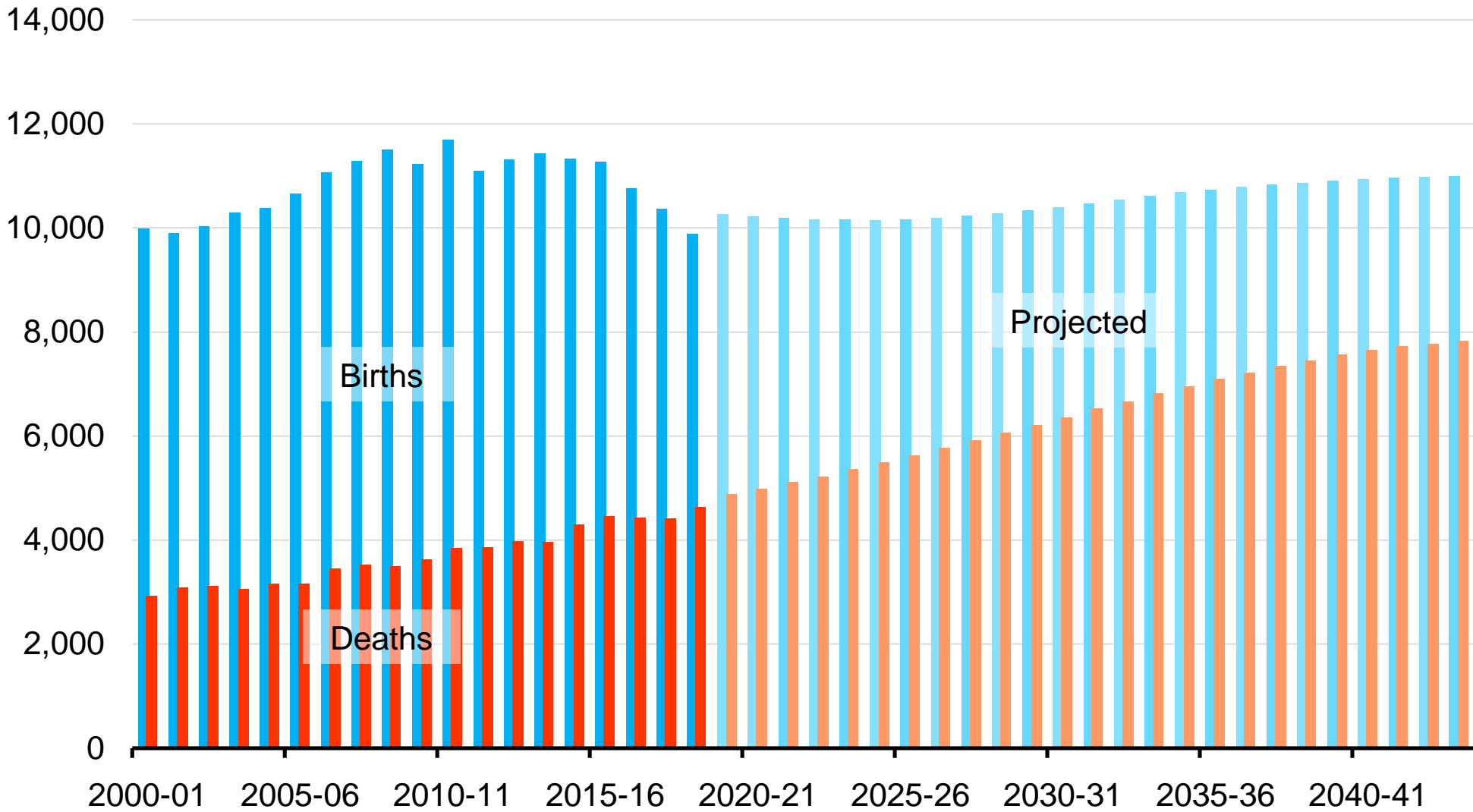
Source: Alaska Department of Labor and Workforce Development, Research and Analysis Population Projections 2019-2045 (Middle Scenario) and Population Estimates v2019 (Components of Change)

Projected Average Annual Rates of Change



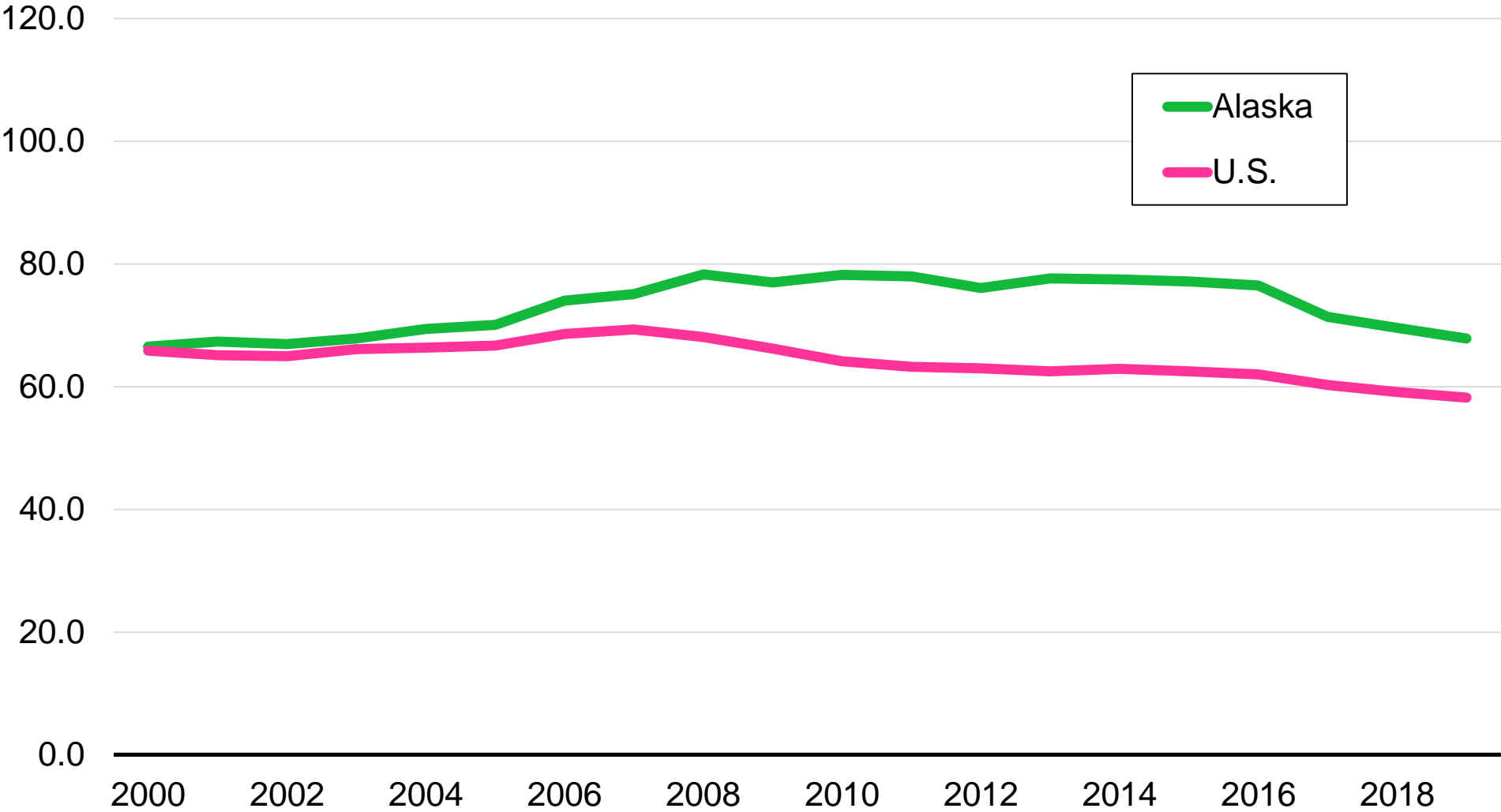
Source: Alaska Department of Labor and Workforce Development, Research and Analysis Population Projections by Borough and Census Area 2019-2045

Births and Deaths, Alaska



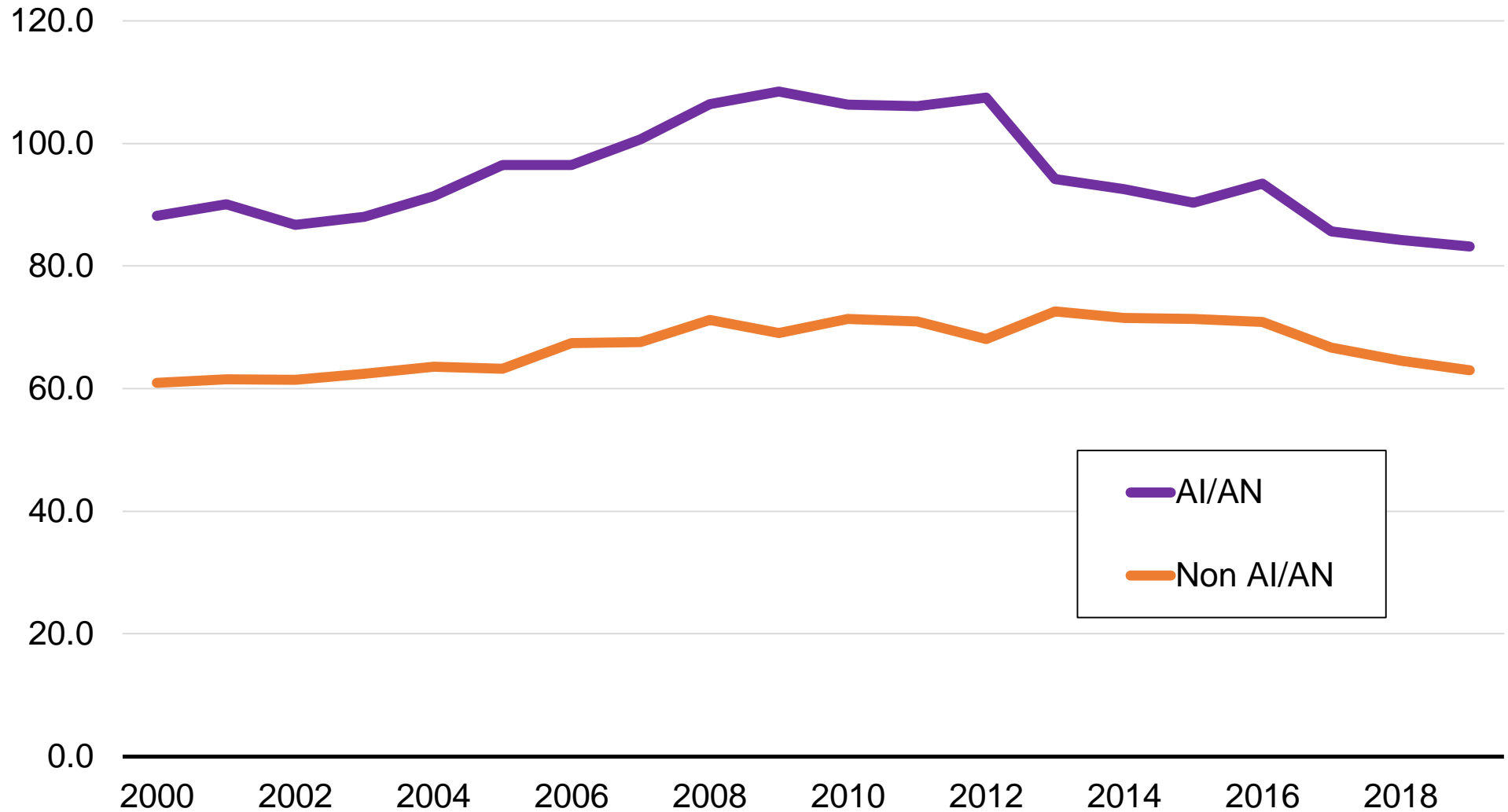
Source: Alaska Department of Labor and Workforce Development, Research and Analysis Population Projections 2019-2045 (Middle Scenario) and Population Estimates v2019 (Components of Change)

Births per 1,000 Women in Childbearing Ages



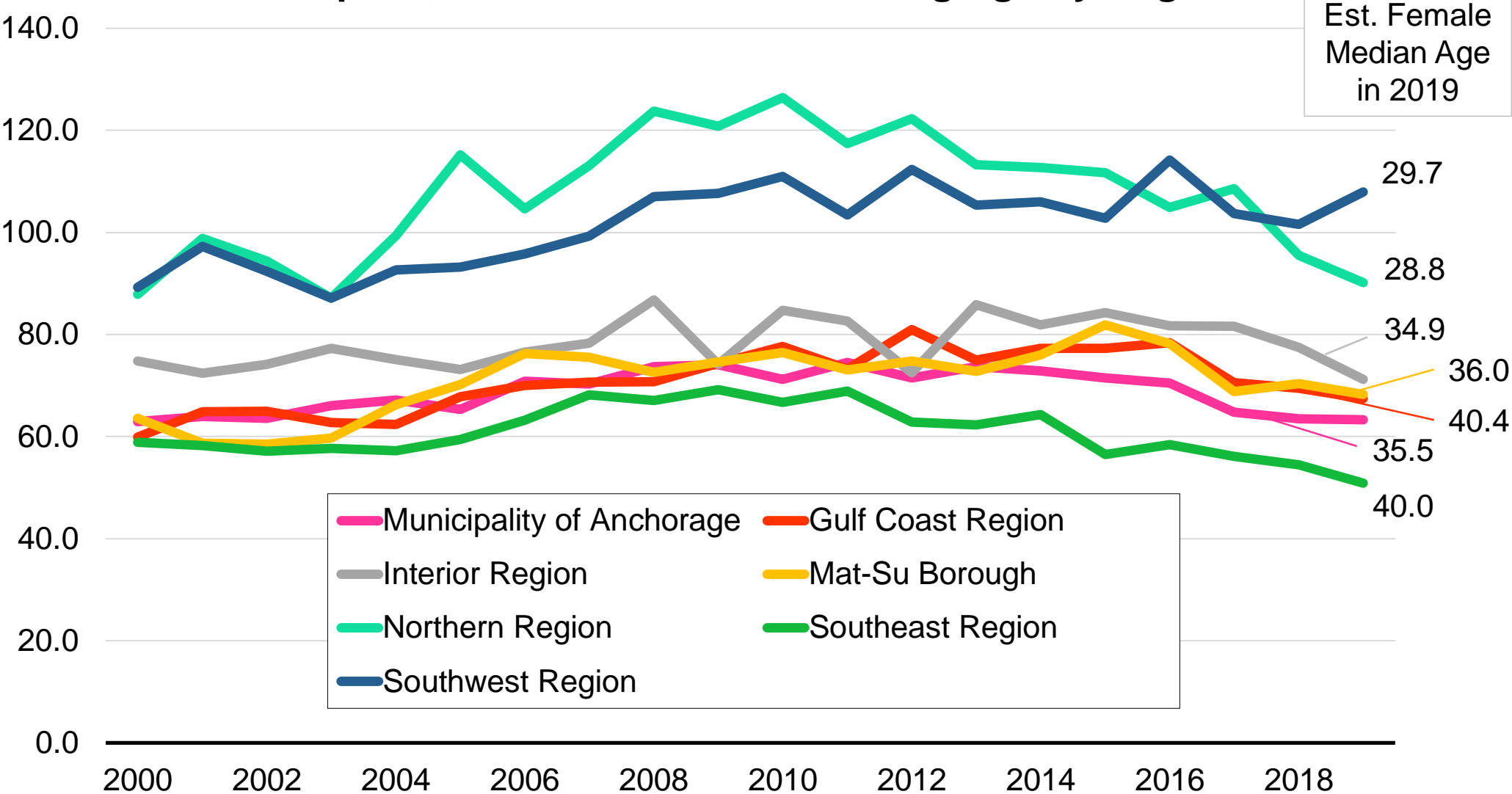
Source: Alaska Health Analytics & Vital Records; National Center for Health Statistics, National Vital Statistics System

Births per 1,000 Women in Childbearing Ages, Alaska



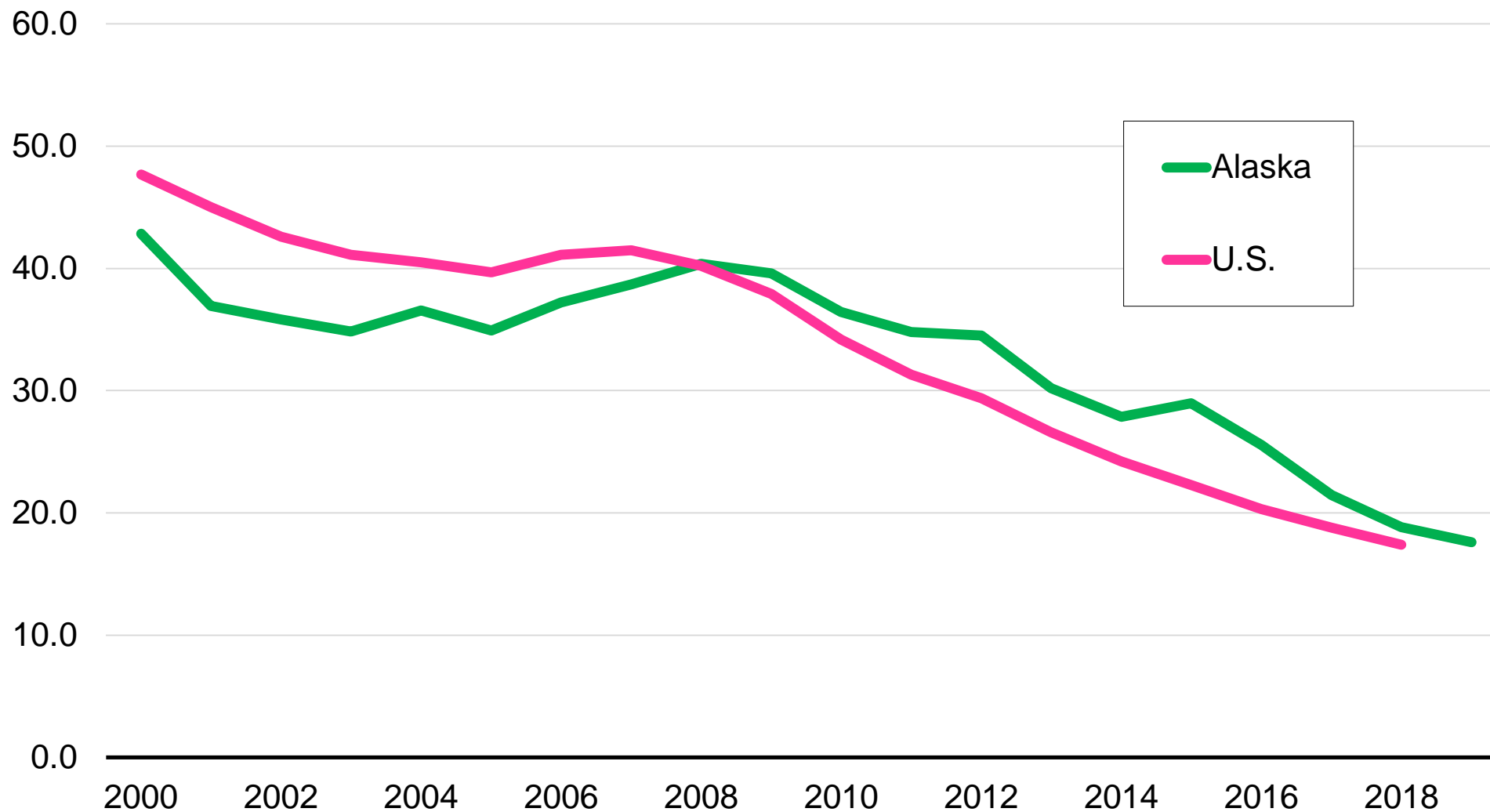
Source: Alaska Health Analytics & Vital Records

Births per 1,000 Women of Childbearing Age by Region



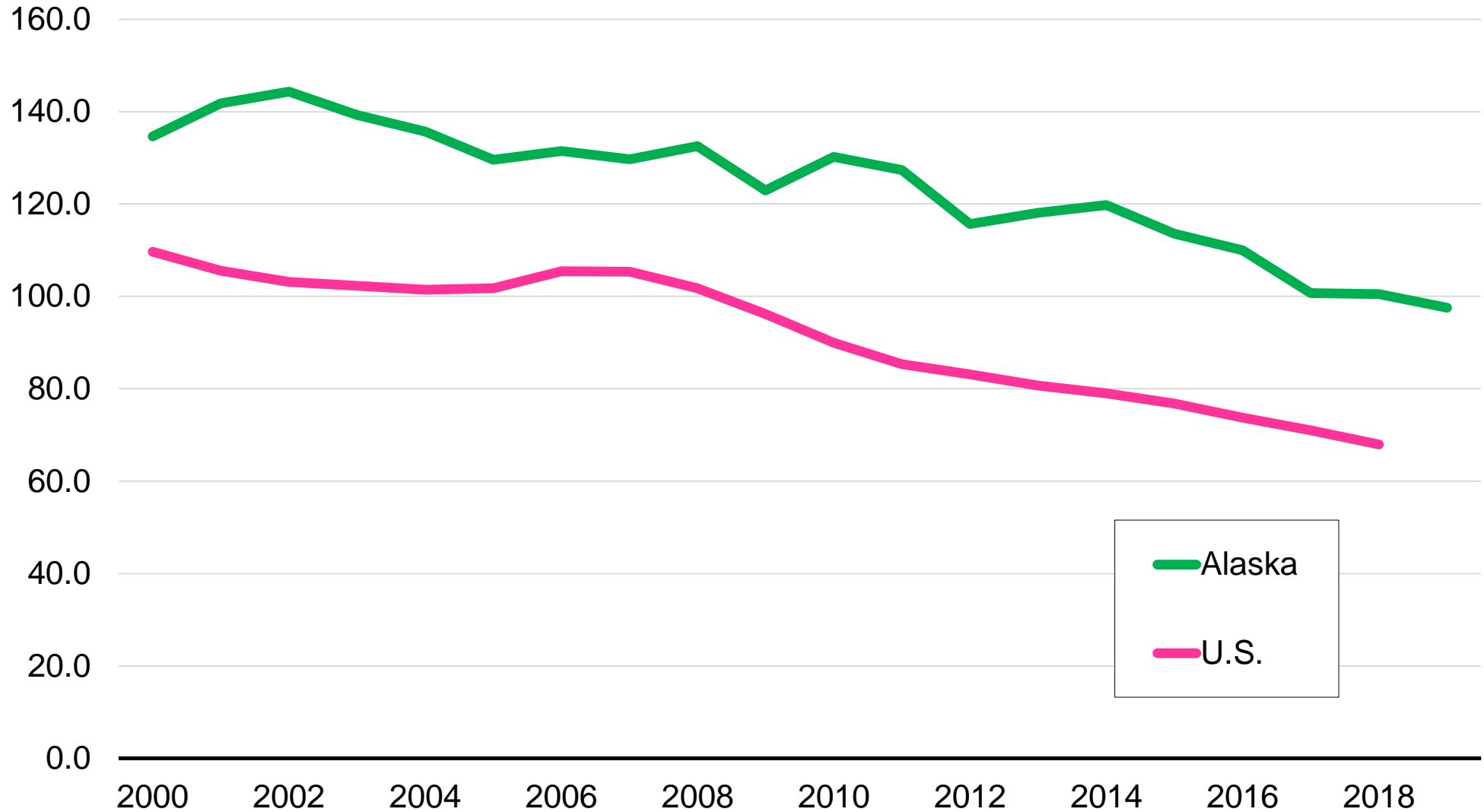
Source: Alaska Health Analytics & Vital Records

Births per 1,000 Women in 15-19 Age Group



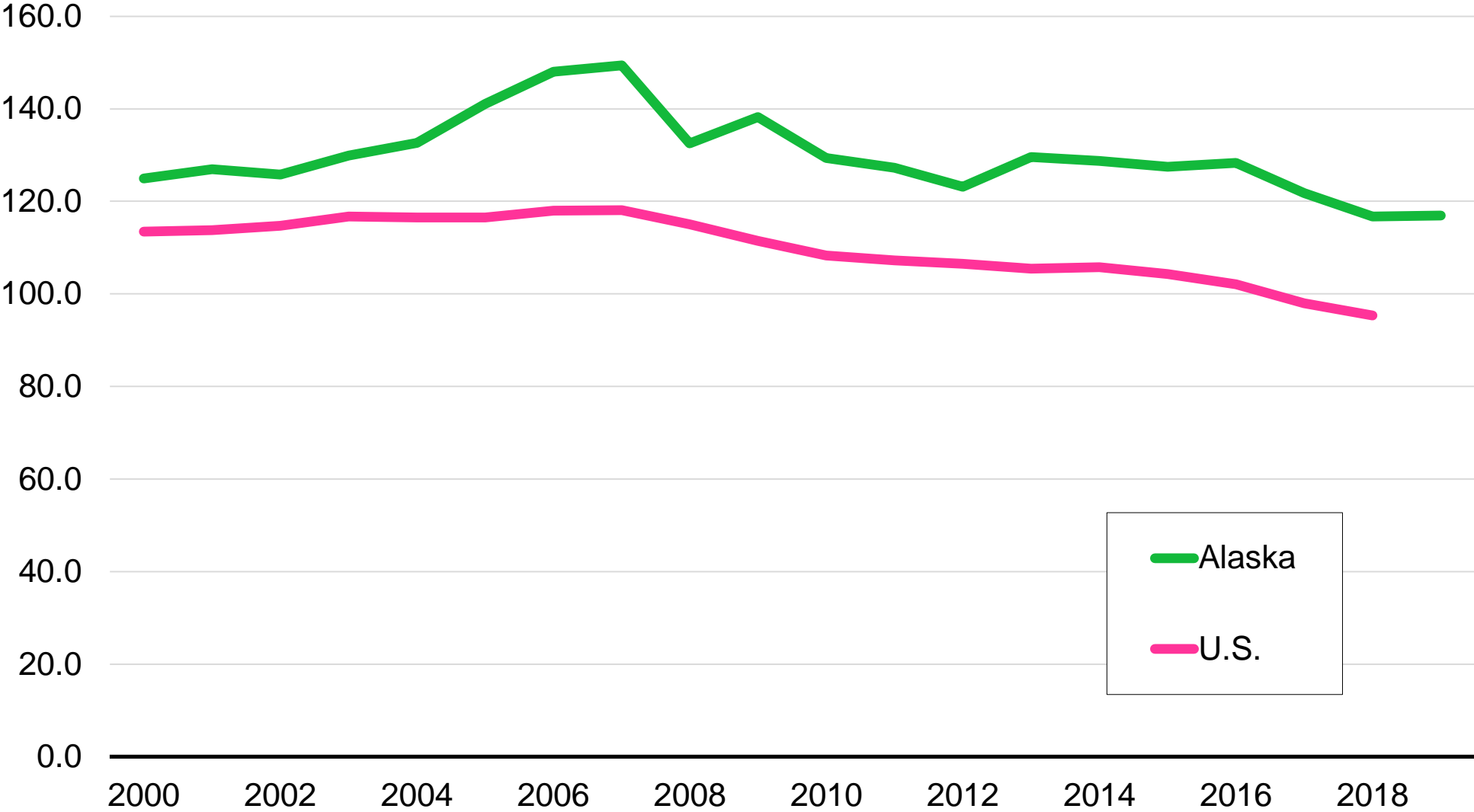
Source: Alaska Health Analytics & Vital Records; National Center for Health Statistics, National Vital Statistics System

Births per 1,000 Women in 20-24 Age Group



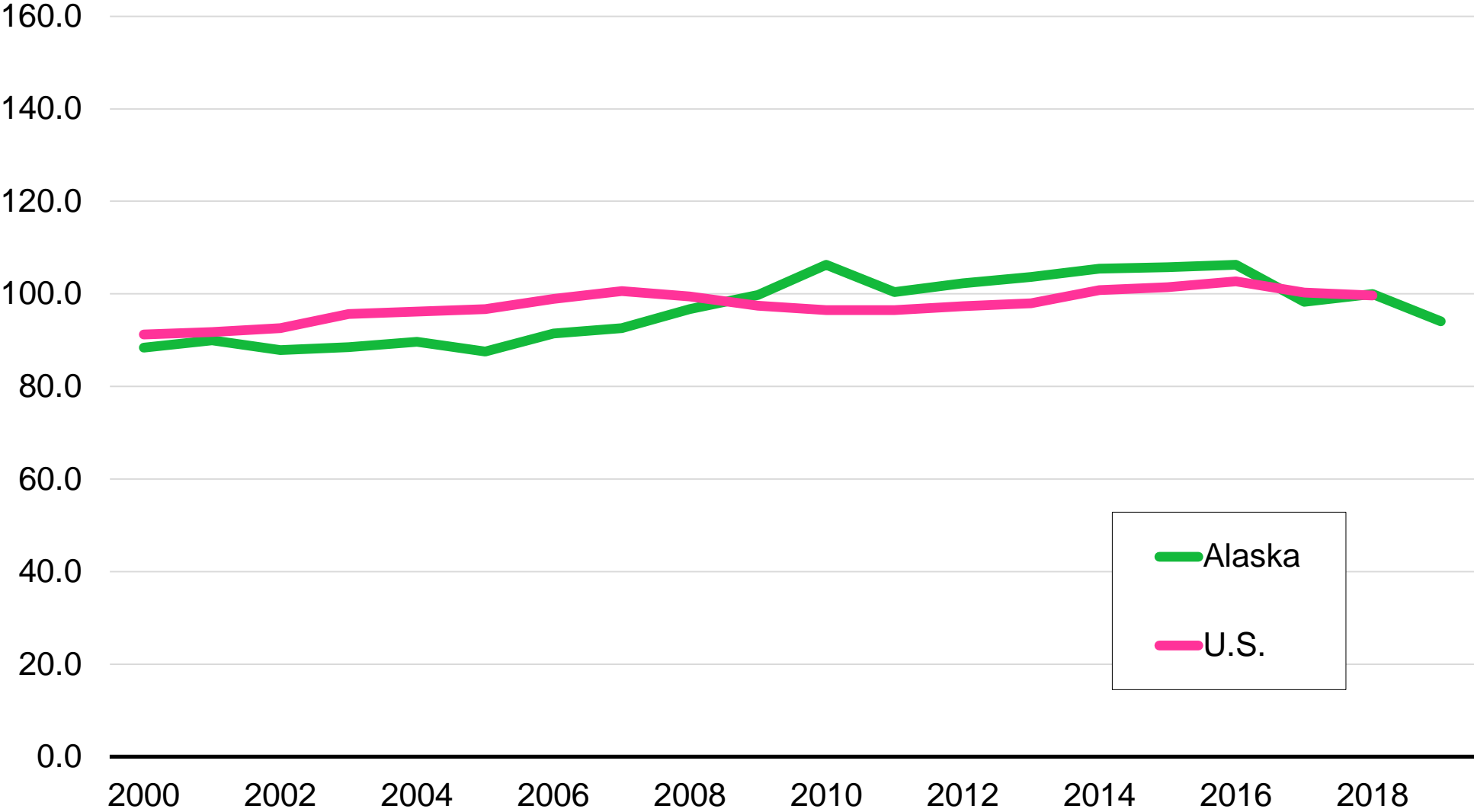
Source: Alaska Health Analytics & Vital Records; National Center for Health Statistics, National Vital Statistics System

Births per 1,000 Women in 25-29 Age Group



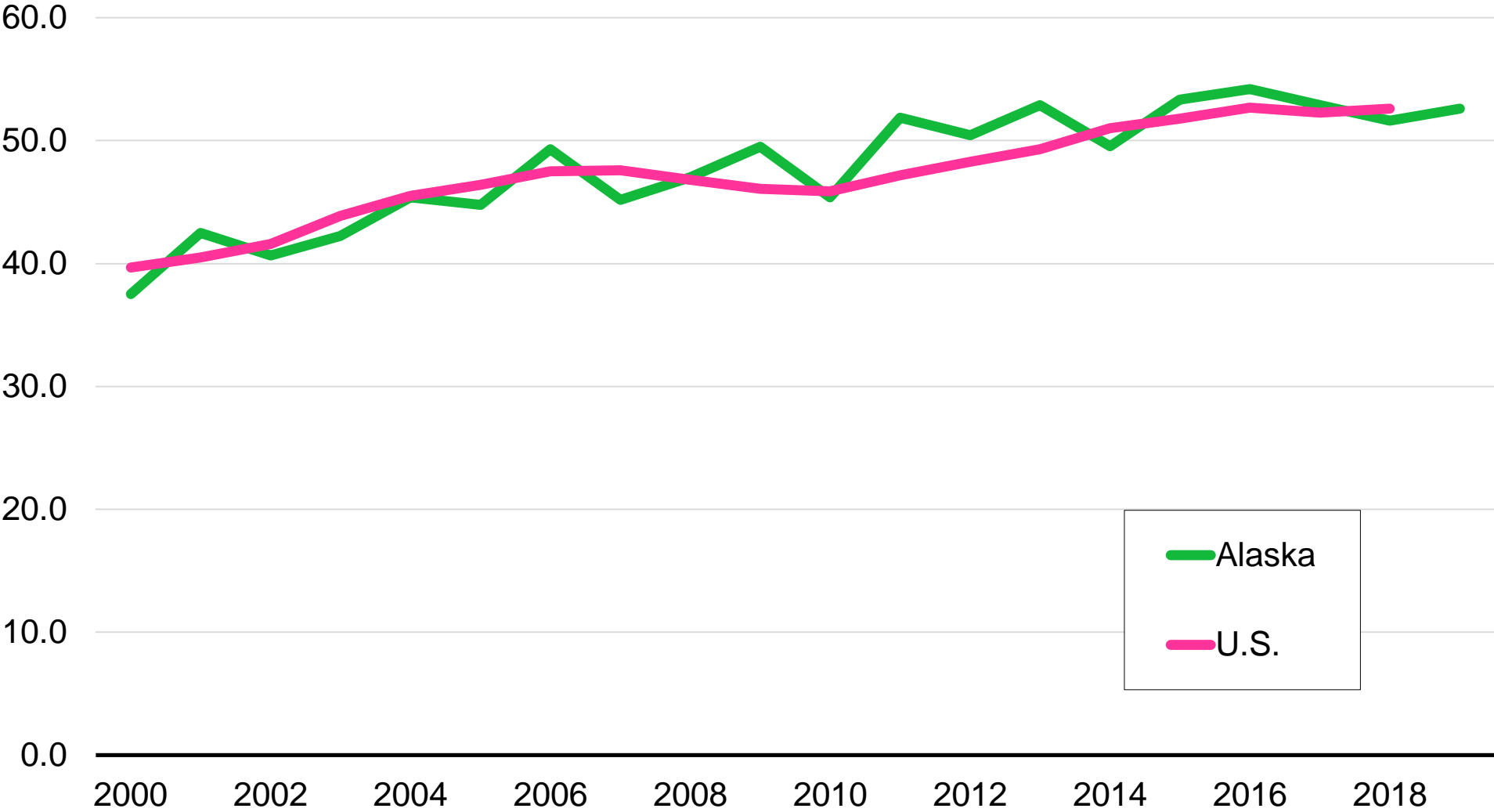
Source: Alaska Health Analytics & Vital Records; National Center for Health Statistics, National Vital Statistics System

Births per 1,000 Women in 30-34 Age Group



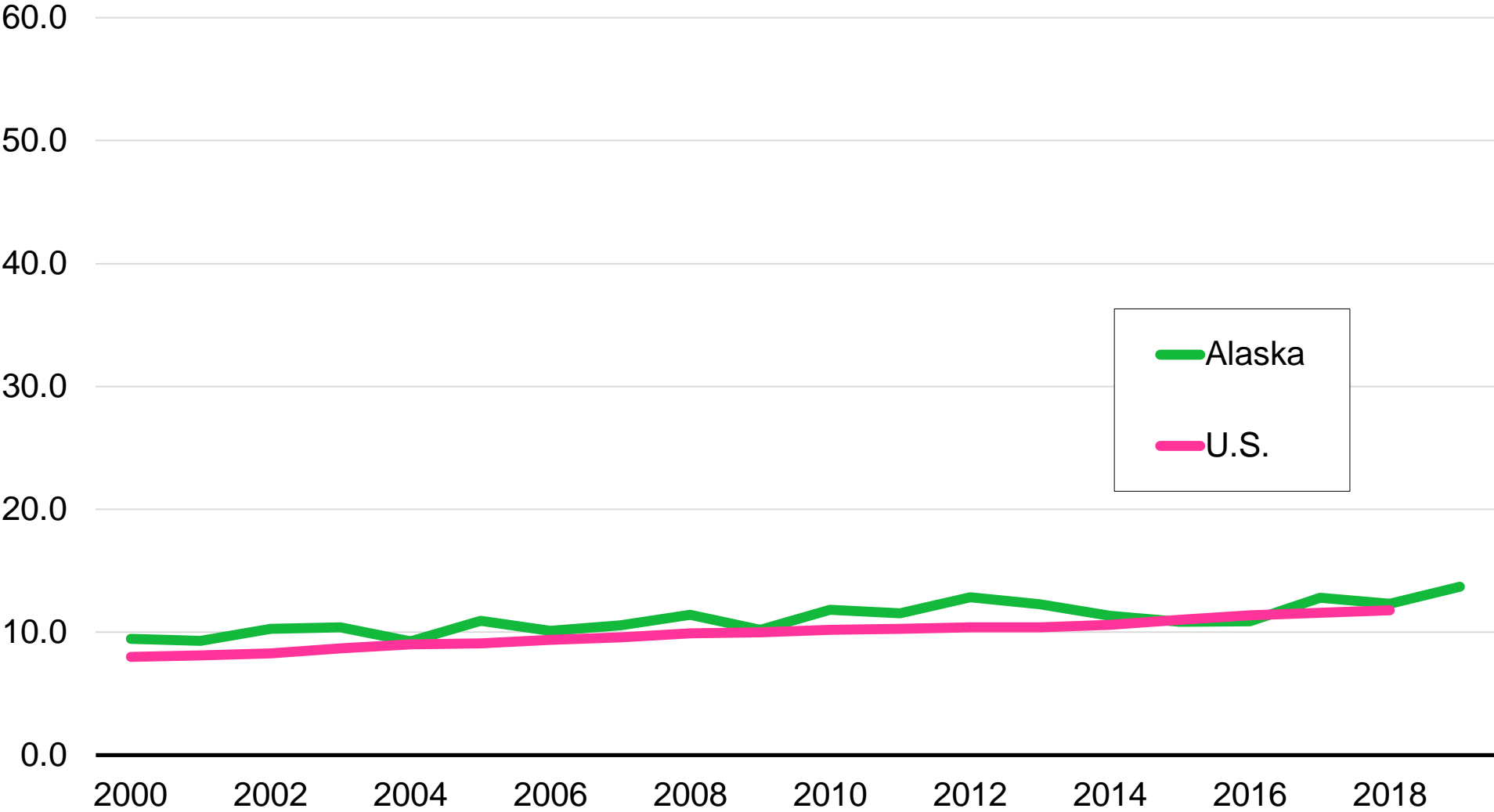
Source: Alaska Health Analytics & Vital Records; National Center for Health Statistics, National Vital Statistics System

Births per 1,000 Women in 35-39 Age Group



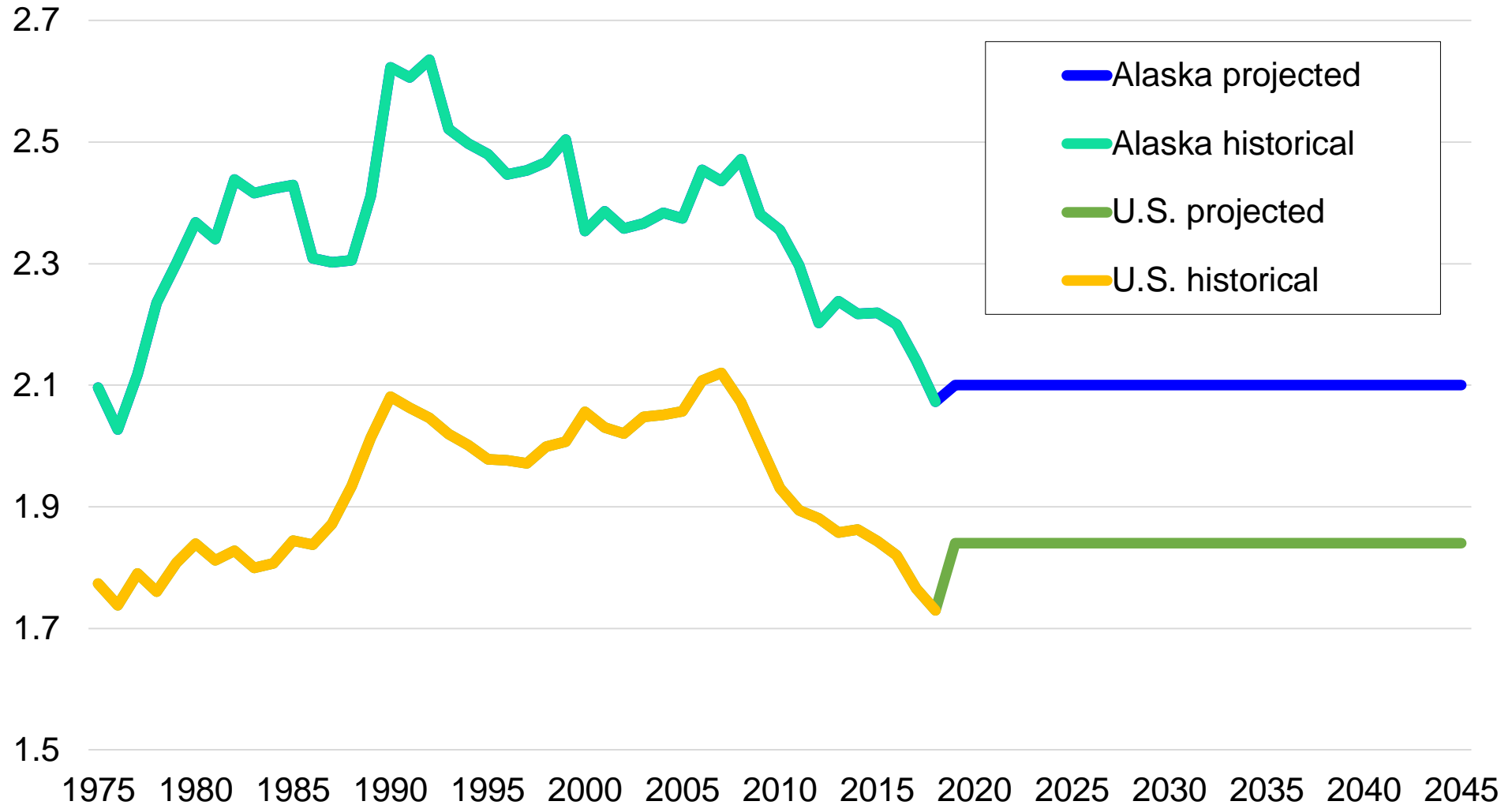
Source: Alaska Health Analytics & Vital Records; National Center for Health Statistics, National Vital Statistics System

Births per 1,000 Women in 40-44 Age Group



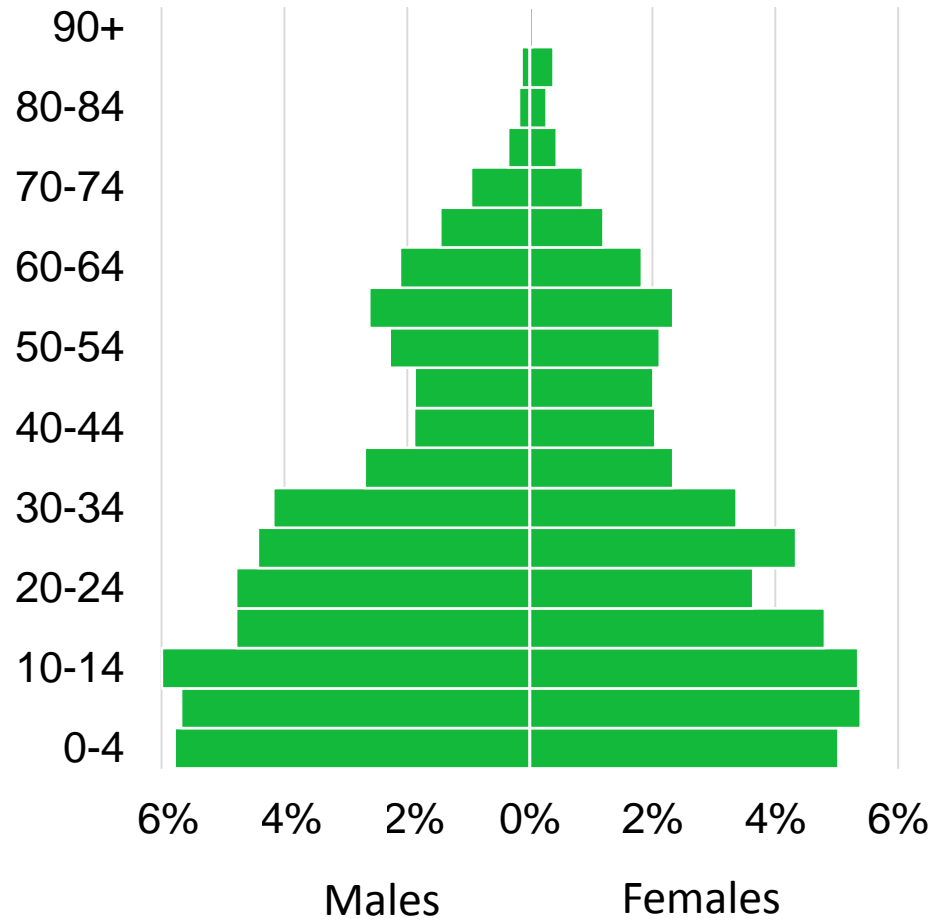
Source: Alaska Health Analytics & Vital Records; National Center for Health Statistics, National Vital Statistics System

Total Fertility Rate, U.S. and Alaska

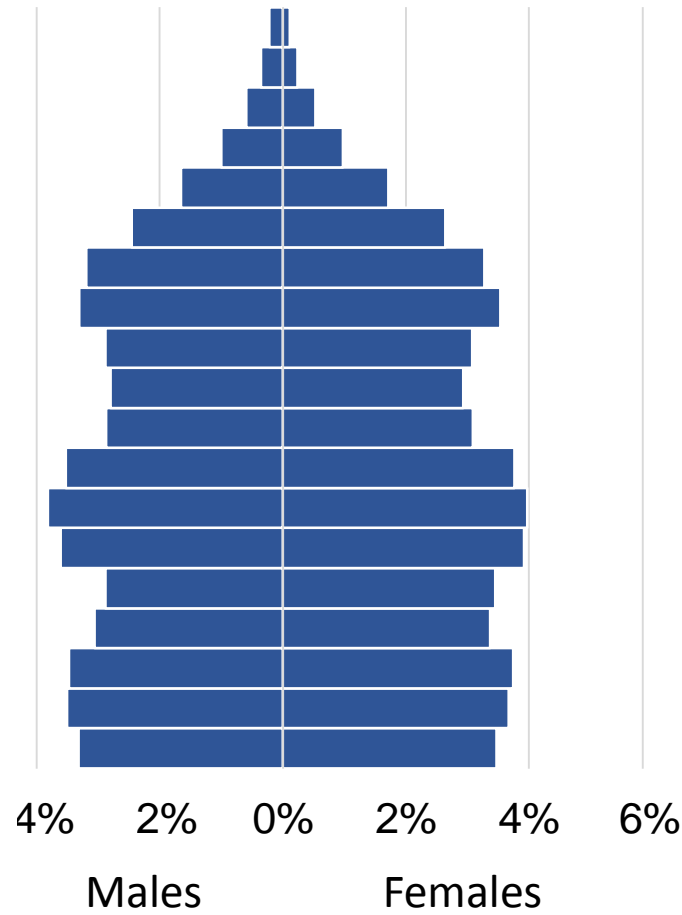


Source: Alaska Department of Labor and Workforce Development, Research and Analysis Population Projections 2019-2045; World Bank via FRED

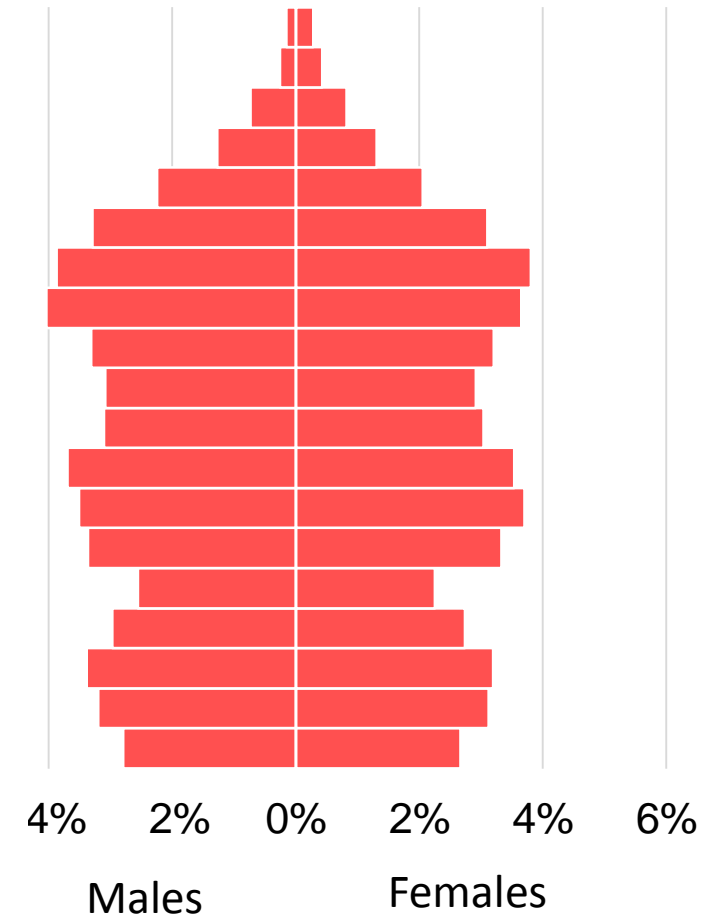
Kusilvak Census Area, 2019



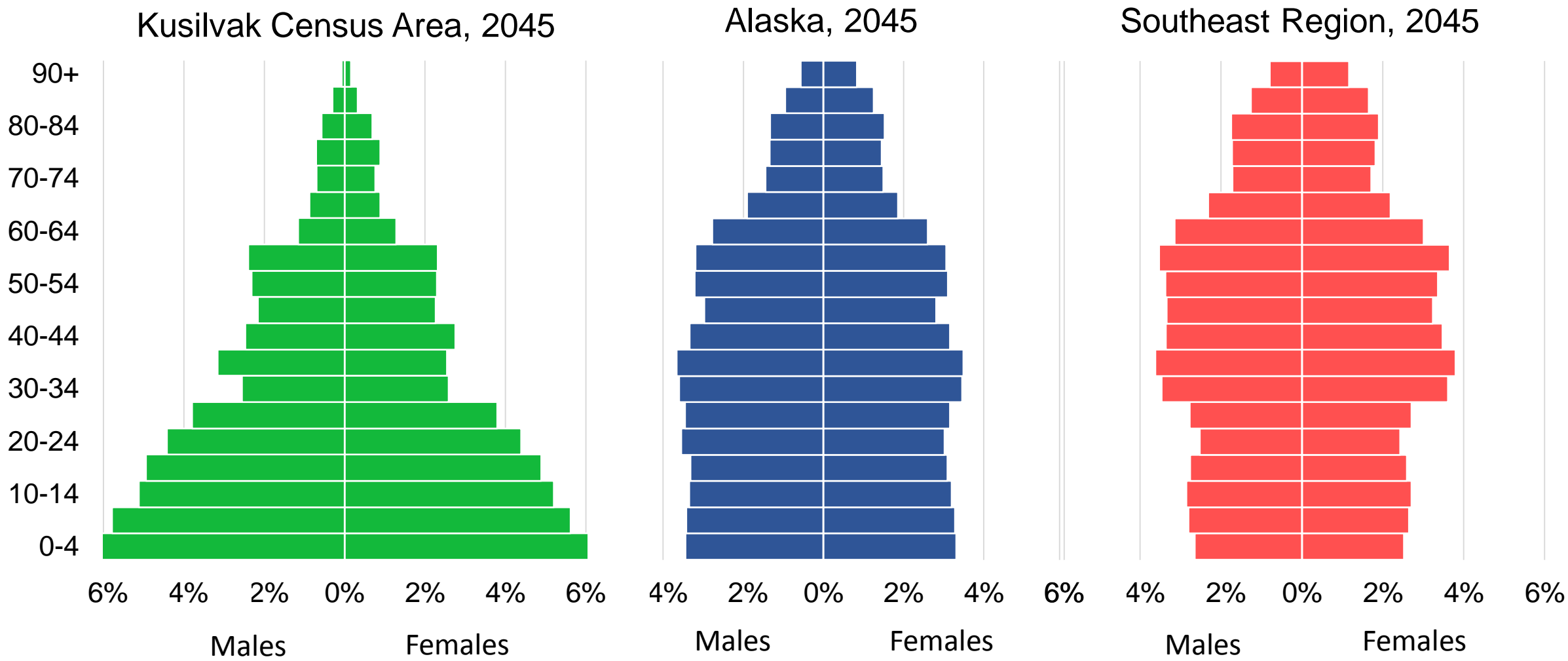
Alaska, 2019



Southeast Region, 2019

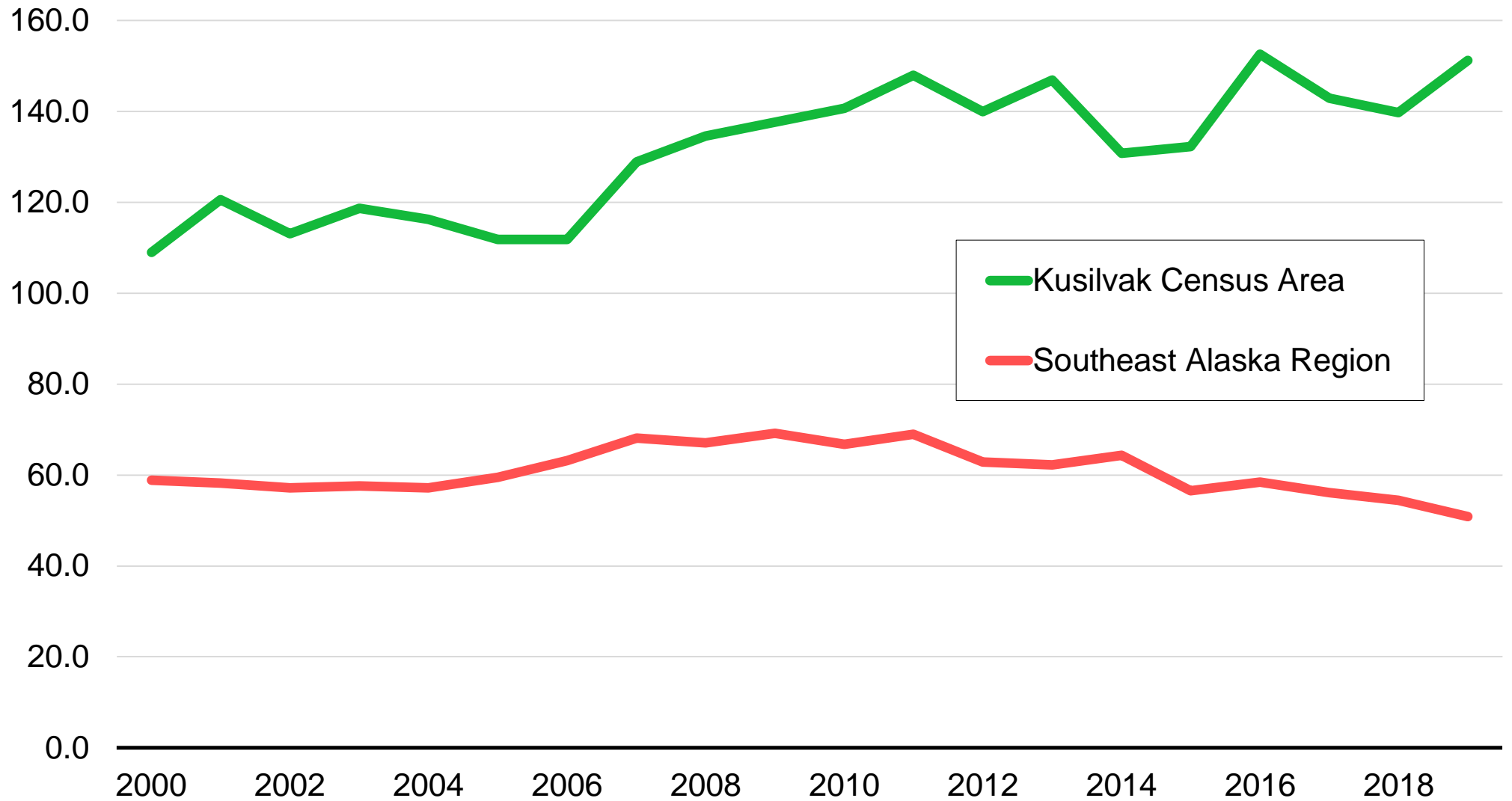


Source: Alaska Department of Labor and Workforce Development, Research and Analysis
Population Estimates by Age and Sex for Borough and Census Areas v2019



Source: Alaska Department of Labor and Workforce Development, Research and Analysis
Population Projections for Borough and Census Areas 2019-2045

Births per 1,000 Women in Childbearing Ages



Source: Alaska Health Analytics & Vital Records